

ERRBBIC PS31H

ERRBBIC PS31H Solar Charger Power Bank User Manual

Model: PS31H | Brand: ERRBBIC

1. IMPORTANT SAFETY INSTRUCTIONS

Please read all instructions and warnings before using this product. Basic precautions should always be followed.

- Do not expose the power bank to fire or excessive heat.
- Do not immerse the power bank in water or other liquids.
- Do not disassemble or reassemble the power bank.
- Keep out of reach of children.
- If you notice any foreign objects inside the power bank or any damage, discontinue use immediately.

2. PRODUCT OVERVIEW

The ERRBBIC PS31H Solar Charger Power Bank is a versatile and robust portable charging solution designed for outdoor enthusiasts and everyday use. It features a high-capacity battery, multiple charging outputs, and integrated emergency tools.



Front view of the ERRBBIC PS31H Solar Charger Power Bank, showcasing its solar panel and rugged design.

3. PACKAGE CONTENTS

The package includes the following items:

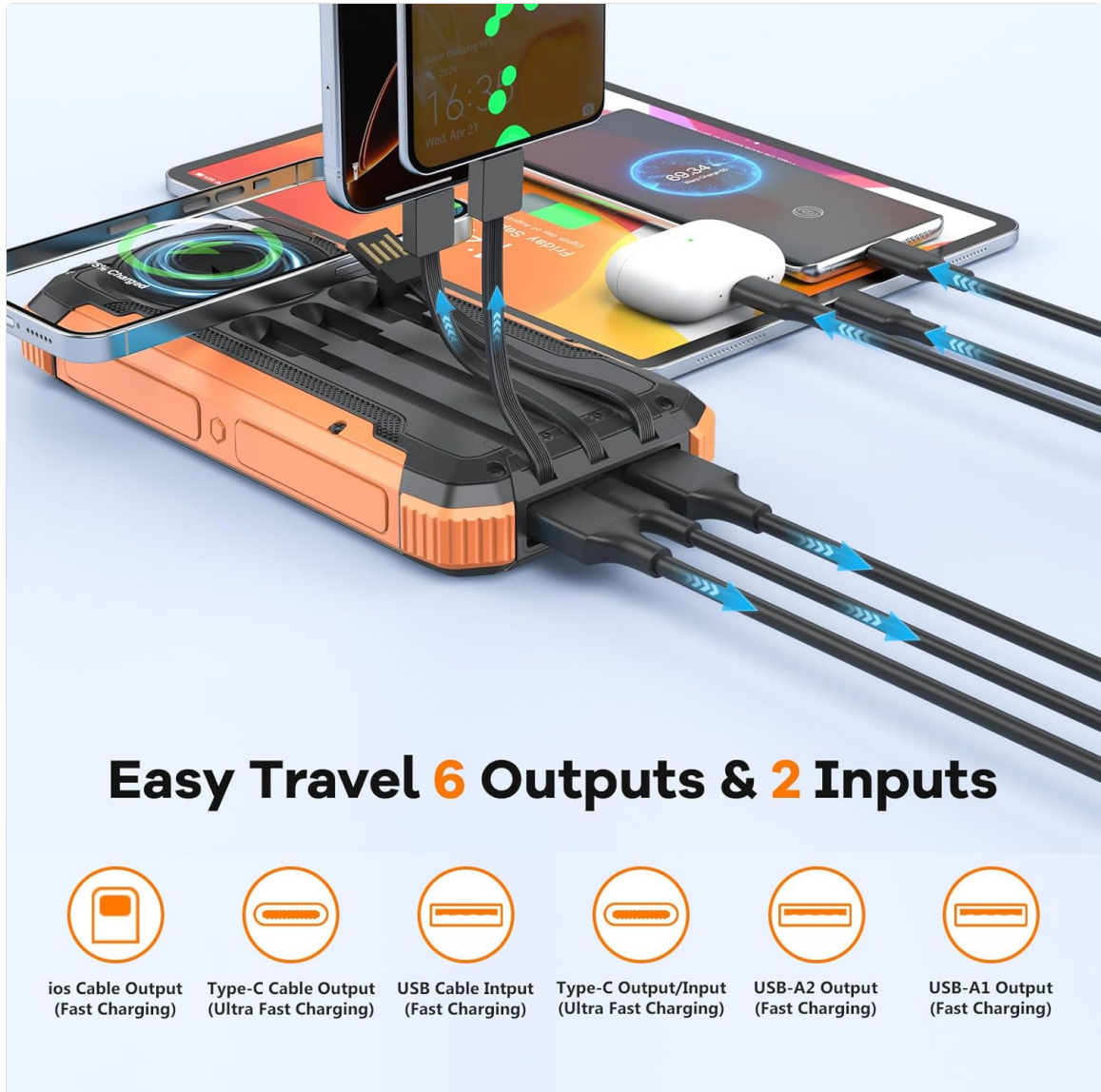
- 1 x ERRBBIC PS31H Solar Power Bank
- 1 x User Manual
- 1 x Free Carabiner

4. PRODUCT FEATURES

- **High Capacity Battery:** Equipped with a 20000mAh explosion-proof lithium polymer battery, providing extended power for your devices.
- **Multiple Charging Outputs:**
 - 3 built-in output cables: Type-C, Lightning, and USB-A.
 - 2 external USB-A output ports.
 - 1 PD Type-C output port.

- Qi 5W wireless charging pad.

This allows simultaneous charging of up to 6 devices.



The power bank connected to multiple devices, demonstrating its versatile charging capabilities.

- **Fast Charging Technology:** 15W PD fast charging via USB-A and USB-C output ports, capable of charging an iPhone 15 up to 65% in 30 minutes.
- **Emergency Survival Kit:**
 - **Dual LED Torch:** 3-mode LED flashlight (steady, flashing, rescue/SOS).
 - **High-Efficiency Solar Panel:** 5.5V/300mA solar panel for emergency recharging.
 - **Mountaineering Buckle:** For easy attachment to backpacks.

Bright **LED** Flashlight A Must-have for Outdoor Enthusiasts



Illustration of the power bank's dual LED flashlight in steady, strobe, and SOS modes, useful for outdoor activities.

- **Durable Construction:** Made from sturdy professional ABS material, waterproof (IPX8), drop-proof (5 feet drop tested), and dust-proof. Resistant to chemical corrosion and high temperatures (-20°C to 60°C).
- **Safety Protections:** 8-fold protection against overcharge, short circuit, overtemperature, overvoltage, over-discharge, and overcurrent. UL2056/UN38.3 certified.
- **Auto Shut-off:** 30 seconds no operation auto shut-off to save power consumption.

5. SETUP & FIRST USE

Before first use, fully charge the power bank using a wall adapter for optimal performance.

1. **Unpack:** Remove the power bank and all accessories from the packaging.
2. **Initial Charge:** Connect the power bank to a wall charger using the Type-C input port. The LED indicators will show the charging progress.
3. **Full Charge Indication:** All LED indicators will be solid blue when fully charged.

6. OPERATING INSTRUCTIONS

6.1 Charging the Power Bank

The power bank can be charged via two methods:

- **Wall Charging (Recommended):** Use a USB wall adapter and a Type-C cable to charge the power bank. This is the fastest and most efficient method.
- **Solar Charging:** Place the solar panel directly under strong sunlight. The green LED indicator will light up, indicating solar charging is active. Solar charging is primarily for emergency use and supplemental power, not as a primary charging method due to varying sunlight intensity and panel size.



Visual representation of the two charging methods: USB input and solar charging.

6.2 Charging Your Devices

The power bank offers multiple ways to charge your electronic devices:

- **Built-in Cables:** Pull out the integrated Type-C, Lightning, or USB-A cable and connect it directly to your device.
- **External USB Ports:** Use your device's original charging cable and plug it into one of the USB-A or Type-C output ports on the power bank.
- **Wireless Charging:** Place your Qi-compatible device on the wireless charging pad on the back of the power bank. Ensure the device is centered for optimal charging.

Official product video demonstrating the ERRBBIC 20000mAh Solar Charger's features, including wireless charging and multiple output ports.

6.3 Using the Dual LED Flashlight

The power bank features a powerful dual LED flashlight with three modes:

1. **Turn On/Off:** Long press the power button on the side of the power bank to turn the flashlight on or off.
2. **Change Modes:** Short press the power button to cycle through the modes: Steady → Strobe → SOS.

7. MAINTENANCE

- **Cleaning:** Wipe the power bank with a dry, soft cloth. Do not use harsh chemicals or abrasive materials.
- **Storage:** Store the power bank in a cool, dry place away from direct sunlight and extreme temperatures.
- **Regular Use:** To prolong battery life, it is recommended to fully charge and discharge the power bank at least once every three months if not in regular use.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device not charging	Low power bank battery; Loose cable connection; Incompatible device.	Recharge power bank; Ensure cables are securely connected; Verify device compatibility.
Solar charging not working	Insufficient sunlight; Solar panel obstructed.	Place in direct, strong sunlight; Clear any obstructions from the solar panel.
Flashlight not turning on	Low power bank battery; Incorrect button press.	Recharge power bank; Long press the power button to activate.
Wireless charging not working	Device not Qi-compatible; Device not properly aligned; Thick phone case.	Ensure device supports Qi wireless charging; Reposition device on the charging pad; Remove thick phone case.

9. SPECIFICATIONS

- **Model Name:** PS31H
- **Battery Capacity:** 20000 Milliamp Hours
- **Battery Cell Type:** Lithium Ion
- **Power Source:** Solar Powered
- **Connector Type:** USB Type C
- **Output Current:** 3 Amps
- **Voltage:** 5 Volts

- **Number of Ports:** 3 (external) + 3 (built-in cables)
- **Wireless Output:** 5W
- **Special Feature:** Fast Charging, Dual Flashlight, Portable
- **Item Weight:** 0.3 Kilograms
- **Item Dimensions (L x W x Thickness):** 6.3"L x 3.35"W x 0.98"Th
- **Durability:** IPX8 Waterproof, Drop-proof, Dust-proof
- **Operating Temperature:** -20°C to 60°C

10. WARRANTY & SUPPORT

ERRBBIC provides a **1-Year Limited Warranty** for this product. If you encounter any problems or have questions, please contact ERRBBIC customer support. We are committed to providing excellent after-sales service and will reply within 24 hours.

For support, please visit the official ERRBBIC store or contact the seller directly through your purchase platform.